

6. (Amended) The method as claimed in claim 4, wherein it is performed repeatedly during the operation of the LED unit .

13. (Amended) A system comprising at least one LED unit as claimed in claim 9.

Please add the following claims:

--14. The supply unit as claimed in claim 4, characterized in that the detection and the power supply are effected exclusively via the supply terminals .

15. (Amended) The method as claimed in claim 5, wherein it is performed repeatedly during the operation of the LED unit.--